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MIRT

HIERARCHICAL LIST OF INDEXING TERMS

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MATRIS Indexing and Retrieval Thesaurus MIRT

Hierarchical List of Indexing Terms

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MANPOWER

B **MANPOWER** Bc Manpower policies Bcc Accession policies Be Manpower planning Bea *UF Personnel planning ... Bec Labor market analysis Beca *UF Market analysis Becc Youth labor market Bee Manpower forecasting Beec Enlistment forecasting Beee Reenlistment forecasting Beeg Manpower loss forecasting Beegc Casualty estimation Beg Manpower requirements Bega *UF Manpower demand Begc Manpower shortages Bei Manpower supply Beia *UF Manpower availability Beia *UF Manpower pool Beic Industry competition Bg Manpower management Bgc Manpower utilization Bgca *UF Manpower allocation **Bgcc** Manpower utilization systems **Bgce** Marginal manpower utilization Manpower management techniques Bge Bgg Manpower management evaluation Bgi Force reduction Bgk Manpower management information systems **Bgkc** Enlistment / reenlistment projection systems **Bgke** Attrition management information systems Bi Force capability Bia *UF Defense capability Bia *UF Force effectiveness Bia *UF Manpower capability Bia *UF Military capability Bk Mobilization Bka *UF Manpower mobilization

Bkc	Tenderson's areas or
DKC	Industrial mobilization
Bke	Civilian mobilization
Bkg	Mobilization planning
Bm	Force structure
Bmc	Active-reserve mix
Bme	Combat-support mix

Combat-support mix **Bmg** Military-civilian mix **Bmi** Officer-enlisted mix **Bmk** Volunteer force **Bmm** Aging workforce **Bmo** Grade distribution **Bmq** Occupational / career mix

Bms Personnel quality **Bmsc** Skill reduction

Bmse Skill deficiency

Во	Manpower	availability	factors
_		•	

Boc Economic factors Boe Labor market conditions

Bog Political trends Boi Cultural trends

Bok Social trends / changes **Bom** Technological trends

Bq Manpower data Bqc Biographical data Bqe Geographic data Bqea *UF Regional data

Bqg Census data

Bqi Demographic projections

Bqia *UF Population projections

Bqk Post-service employment

RECRUITMENT

Co

Recruiting stations

RECRUITMENT Cc Recruitment policies Ccc Recruiting quotas Ce Recruitment standards Cea *UF Enlistment standards Cg Recruitment strategies Recruitment advertising Cgc Cgcc Promotional programs Recruit profiling Cge Recruit counseling Cgg **Enlistment incentives** Cgi *UF Enlistment guarantees Cgia *UF Enlistment options Cgia *UF Recruiting incentives / inducements Cgia Cgic School guarantees Location guarantees Cgie Delayed entry program Cgig Cgii **Scholarships** Cgk Selective service Cgka ***UF Conscription** *UF Draft Cgka Ci **Enlistment decision** Cic Recruit influencing factors Ck Recruit screening Ckc Security screening *UF Background investigations Ckca Cke Drug use history Cm Recruiter management Cmc Recruiter selection Cme Recruiter training Cmg Recruiter distribution *UF Recruiter placement Cmga Cmi Recruiter evaluation Recruiter effectiveness Cmic

Cq	Recruitment evaluation
Cqc	Recruit quality
Cqcc	High-quality recruits
Cqe	Recruiting effectiveness
Cqea	*UF Recruiting success
Cqg	Recruitment costs
Cqga	*UF Cost-per-individual recruited
	-

Cs	Recruitment	data
----	-------------	------

Cu	Enlistment data
Cuc	Enlistment rates
Cuca	*UF Accession rate

Cw Recruitment system

Cwc Recruiting information systems
Cwe Computerized guarantee systems

SELECTION / CLASSIFICATION / ASSIGNMENT

D SELECTION / CLASSIFICATION / ASSIGNMENT

Db Personnel accessions
Dbc Lateral entry

Dca Personnel selection
Dca *UF Hiring practices
Dcc Selection criteria

Dcca *UF Selection standards
Dccc Veterans preference
Dce Selection strategies
Dcg Selection systems

Dec Classification strategies
Decc Classification standards
Dee Military classification codes
Deec Air Force Specialty Codes

Deeca *UF AFSC

Deee Military Occupational Specialties

Decea *UF MOS

Deeg Navy Enlisted Classification

Deega *UF NEC
Deg Classification evaluation

Dg Personnel assignment
Dgc Assignment strategies

Dgcc Assignment / reassignment systems
Dgcca *UF Assignment programs
Dgccc Computerized assignment systems

Dge Person-job ma' ching'
Dge Initial assignment
Dgg Specialty assignment
Dgi Assignment rotation

Di Selection / classification / assignment data

Dk Reenlistment data

EDUCATION AND TRAINING

E EDUCATION AND TRAINING

```
Eb
        Training types
Ebc
           Basic training
Ebca
               *UF Initial entry training
Ebd
           Officer training
Ebdc
               Officer candidate training
Ebdca
                   *UF ROTC
Ebe
           Intelligence training
Ebg
           Combat training
Ebh
           Weapon system training
           Flight training
Ebj
Ebic
               Undergraduate pilot training
Ebk
           Armored vehicle training
Ebka
               *UF Tank training
Ebm
           Readiness training / exercises
Ebmc
               Field exercises
Ebme
               Mobilization exercises
Ebmg
               Command post exercises
Ebmi
               Fleet exercises
Ebn
           Shore-based training
Ebo
           On-site training
Eboa
               *UF On-board training
           Shipboard training
Eba
Ebr
           Basic skills training
               Remedial training
Ebrc
Ebs
           Technical skills training
           Maintenance training
Ebu
Ebv
           Job skills training
Ebvc
               Skill maintenance training
Ebvca
                   *UF Refr sher training
Ebve
               Skill enhancement training
Ebx
           Personal improvement / social training
               Equal Employment Opportunity training
Ebxc
Eby
           Orientation training
Ed
       Instructional system development
Eda
           *UF ISD
Edc
           Instructional theory
               Instructional strategies
Edcc
Edccc
                   Practice effects / intervals
```

Training sequence

Edcce

```
Ede
             Training requirements
  Edea
                 *UF Instructional deficiency
  Edea
                 *UF Training goals / standards
  Edea
                *UF Training needs
  Edea
                *UF Training problem assessment
 Edg
             Instructional design
 Edgc
                Training design factors
 Edge
                Curriculum development
 Edgea
                    *UF Course design
 Edgg
                Courseware development
 Edgi
                Student / instructor ratios
 Edgk
                Training environment
 Edi
            Training feedback
 Edia
                *UF After-action reviews
 Edia
                *UF Debriefing
 Edk
            Transfer of training
 Edm
            Generalizability of training
 Ef
        Training equipment development
 Efa
            *UF Training device development
 Efc
            Training equipment procurement / acquisition
 Eh
        Instructional approaches / methods
 Ehb
            Pretraining preparation
Ehba
                *UF Student preparation
Ehc
            Classroom instruction
Ehca
                *UF Lecture instruction
Ehd
            Peer instruction
Ehe
            Tutoring
Ehg
            Individualized instruction
Ehga
                *UF Learner-centered instruction
Ehga
                *UF Self-paced instruction
Ehh
            Programmed instruction
Ehi
            Group training
Ehia
                *UF Team training
Ehic
               Unit training
Ehica
                   *UF Crew training
Ehj
            Job-based training
Ehja
               *UF Hands-on training
Ehja
               *UF On-the-job training
Ehl
           Interactive training
Ehm
           Apprentice training
Ehn
           Multimedia training
Eho
           Part-task training
Ehp
           Embedded training
Ehq
           Distance learning
Ehge
               Teletraining
Ehr
           Behavior modification
Eht
           Live equipment training
Ehta
               *UF Live-fire training
```

```
Ehv
           Retraining
Ehx
           Accelerated teaching techniques
Εi
       Computer applications in training
Ejc
           Computer-aided instruction
               *UF CAI
Ejca
Eica
               *UF CMI
Ejca
               *UF Computer-aided interactive training
Ejca
               *UF Computer-based instruction
               *UF Computer-integrated instruction
Ejca
Ejca
               *UF ICW
               *UF Interactive courseware
Ejca
               *UF PLATO
Ejca
           Computer-based maintenance training
Eje
           Tutorial dialog
Eig
Eii
           Adaptive instructional strategies
Ejk
           Automated instructor functions
           Computer-aided feedback
Ejm
El
       Training aids
Ela
           *UF Instructional materials
           *UF Training guidelines
Ela
Ela
           *UF Training materials
Ela
           *UF Training support materials
Elc
           Textbooks
Ele
           Training manuals
           Training packages
Elg
               *UF Course of study
Elga
            *UF Curriculum package
Elga
Eli
           Workbooks
Elk
           Skill development aids
Elm
           Self-study aids
Elo
           Games
Eloc
               Computer games
Eloca
                  *UF Video games
           Instructor materials
Elq
Elqa
               *UF Teacher's guides
Els
           Training aids / materials adaptation
En
       Training devices
Enc
           Trainers
Ence
               Part-task trainers
Ene
           Closed circuit television
           Weapon-firing training devices
Eng
Eni
           Instructor stations
       Training simulators / simulation
Ep
           Warfare simulators / simulation
Epc
               Combat simulation
Epcc
                   *UF Battle simulation
Epcca
```

Epcca	*UF Battlefield simulation
Epcca	*UF Engagement simulation
Epcca	
Epcca	
Epce	Wargames
Epcg	Battle scenarios
Epe	Vehicle simulation
Epg	Weapon systems simulation
Epgc	Gunfire trainers / simulators
Eph	Target simulation
Epi	Flight simulation
Epic	Aircraft simulators
Epie	Aircraft carrier landing simulation
Epk	Maintenance trainers / simulators
Epm	Sensor system simulation
Epmc	Electro-optical sensor simulators
Epme	Acoustic sensor simulators
Epo	Motion simulation / simulators
Epq	Platform control simulation
Epqc	Bridge control simulator
Epqe	Navigation trainer
Eps	Damage control simulation
Epsc	Firefighting trainer / simulator
Epu	Environment simulation
Epua	*UF Dome simulator
Epw	Scene generators / simulators
Epwc	Terrain travel simulation
Epwca	*UF Dynamic terrain
Ерх	Networked simulation
Ерха	*UF Linked simulators
Ерха	*UF SIMNET
Ерха	*UF Simulation networking
Еру	Virtual reality
Epya	*UF Cyberspace
Epya	*UF Virtual environment
Epya	*UF Virtual perception
Ерус	Data glove
••	6 / -
Eq	Training facilities
Eqc	Training ranges
Eqe	Training bases / centers
Eqg	Service schools
Eqgc	Class "A" schools
Eqge	Class "C" schools
Eqi	Civilian schools
Eqic	High schools
Eqie	Colleges / universities
Eqiea	*UF Four-year colleges
Eqiea	*UF Two-year colleges
•	

Eqig Vocational schools
Eqiga *UF Technical schools
Eqiga *UF Trade schools

Es Educational programs

Esc Professional development / education
Ese Medical education programs
Esg Engineering education programs
Esi Civilian education programs
Esk Veterans educational programs

Esm Correspondence courses

Eu Training management

Euc Training planning / administration

Euce Training policies
Euce Training schedules
Eucg Training resources

Euci Training systems maintenance
Eue Computer-based training management

Eug Training attrition

Eui Alternative training methods

Ew Training evaluation

Ewc Training evaluation methods
Ewe Training evaluation criteria
Ewg Instructional methods evaluation

Ewi Curriculum evaluation

Ewk Training effectiveness assessment
Ewkc Training performance prediction

Ewke Training success factors
Ewkg Training performance payoff
Ewki Instructor effectiveness
Ewkk Training device effectiveness

Ewkm Training aids / materials effectiveness

Ewko Student-equipment ratios

Ex Training data

Exc Training databases

Exe Training performance data

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12

HUMAN RESOURCES MANAGEMENT

F HUMAN RESOURCES MANAGEMENT

Fc	Career development
Fcc	Career development systems / programs
Fccc	Military career development programs
Fcce	Civilian career development programs
Fce	Career planning
Fcec	Career goals
Fcee	Career choice factors
Fceg	Career promotion channels
Fcega	*UF Career ladders
Fcega	*UF Career paths
Fcei	Skill obsolescence
Fcg	Career management
Fcgc	Promotion
Fcge	Career monitoring / tracking
Fcgg	Career movement
Fcgi	Career area rotation
Fcgk	Career history
Fci	Individual career factors
Fcic	Career motivation
Fcie	Career commitment
Fcig	Vocational interests
Fck	Career counseling
Fcka	*UF Occupational counseling
Fcka	*UF Vocational counseling
Fckc	Career counseling techniques
Fcke	Career counseling effectiveness
Fckg	Career counseling evaluation
Fcki	Occupational information systems
Fcm	Career opportunity
Fcmc	Upward mobility
Fe	Personnel management
Fea	*UF Personnel administration
Fec	Personnel utilization -
Fecc	Grade-skill imbalance
Fecca	*UF Occupational imbalance
Fece	Grade / specialty substitution
Fecea	*UF Grade / skill substitution
Fecg	Personnel tradeoffs
Fed	Personnel system structure
Feda	*UF GS

```
Feda
                *UF General Schedule
 Feda
                *UF PAC
 Feda
                *UF Professional and Administrative Career
 Feda
                *UF SES
 Feda
                *UF Senior Executive Service
 Fedc
                Merit systems / principles
 Fee
            Position manning
 Feec
                Manning requirements
 Feeca
                    *UF Manning determination
 Feeca
                   *UF Staffing requirements
 Feecc
                   Crew size
 Feee
               Manning effectiveness
 Feeg
               Staffing standards
 Feei
               Critical staffing rates
Feek
               Manning reduction
Feeka
                   *UF Essential manning
Feem
               Personnel replacement
Feeo
               Billets
Feeq
               Tour of duty
Fees
               Personnel reassignments
Feeu
               Personnel rotation
Feeuc
                   Unit rotation
Feew
               Personnel relocation
Feewc
                   Permanent change of station
Feewca
                       *UF PCS
Feg
            Tenure
Fega
               *UF Time-in-grade
Fega
               *UF Time-in-service
Feh
           Reduction-in-Force
Feha
               *UF RIF
Fei
           Personnel gains / losses
Feic
               Attrition
Feica
                   *UF Resignations
Feica
                   *UF Retirements
Feica
                   *UF Separations
Feica
                   *UF Terminations
Feicc
                   First-term attrition
Feice
                   Second-term attrition
Feicg
                   Attrition prediction
Feici
                   Attrition reduction
Feie
               Retention
Feiec
                   Retention rates
Feig
               First-term enlistment
Feii
               Reenlistment
Feiic
                   Reinlistment rates
Feiie
                   Reinlistment incentives
Fek
           Personnel costs
Fekc
               Attrition costs
Feke
               Relocation costs
Fekg
               Wage rates
```

Feki	Personnel cost data
Fem	Human resource accounting
Feo	Personnel management issues
Feoc	Personnel management systems
Feoe	Accessioning systems
Feog	Personnel management techniques
Feoi	Personnel policies
Feok	Personnel management evaluation
Feokc	Personnel management effectiveness
Feq	Personnel records
Feqa	*UF Personnel files
Feqc	Paperless personnel records
Feqca	*UF Microchip records
Feqe	Soldier data tags
Feqg	Personnel inventories
Feqga	*UF Personnel profiles
Fes	Equal Employment Opportunity
Fesa	*UF EEO
Fesc	Affirmative action
Feu	Military justice
Feua	*UF Court martial
Feua	*UF Military brigs
Feuc	Disciplinary measures
Few	Labor relations
Fewa	*UF Collective bargaining
Fewa	*UF Grievance procedures
Fewa Fewa	*UF Grievance procedures *UF Labor union issues
Fewa	*UF Labor union issues
Fewa Fg	*UF Labor union issues Compensation
Fewa Fg Fgc	*UF Labor union issues Compensation Compensation system design
Fewa Fg Fgc Fgca	*UF Labor union issues Compensation Compensation system design *UF Compensation structure
Fewa Fg Fgc Fgca Fgcc	*UF Labor union issues Compensation Compensation system design *UF Compensation structure Compensation innovations
Fewa Fgc Fgca Fgcc Fgcc	*UF Labor union issues Compensation Compensation system design *UF Compensation structure Compensation innovations Advancement-in-rate
Fewa Fg Fgc Fgca Fgcc Fgce Fgce	*UF Labor union issues Compensation Compensation system design *UF Compensation structure Compensation innovations Advancement-in-rate Merit pay
Fewa Fg Fgc Fgca Fgcc Fgce Fgcg Fgcg	*UF Labor union issues Compensation Compensation system design *UF Compensation structure Compensation innovations Advancement-in-rate Merit pay *UF Pay for performance
Fewa Fg Fgca Fgcc Fgce Fgcg Fgcga Fgcga	*UF Labor union issues Compensation Compensation system design *UF Compensation structure Compensation innovations Advancement-in-rate Merit pay *UF Pay for performance Pay grades / scales
Fewa Fgc Fgca Fgcc Fgce Fgcg Fgcga Fgci Fgck	*UF Labor union issues Compensation Compensation system design *UF Compensation structure Compensation innovations Advancement-in-rate Merit pay *UF Pay for performance Pay grades / scales Pay caps / freezes
Fewa Fg Fgc Fgca Fgce Fgcg Fgcga Fgci Fgck Fgcm	*UF Labor union issues Compensation Compensation system design *UF Compensation structure Compensation innovations Advancement-in-rate Merit pay *UF Pay for performance Pay grades / scales Pay caps / freezes Reenlistment bonuses
Fewa Fg Fgc Fgca Fgce Fgcg Fgcga Fgci Fgck Fgcm Fgco	*UF Labor union issues Compensation Compensation system design *UF Compensation structure Compensation innovations Advancement-in-rate Merit pay *UF Pay for performance Pay grades / scales Pay caps / freezes Reenlistment bonuses Special pays
Fewa Fg Fgca Fgcc Fgce Fgcga Fgci Fgck Fgcm Fgco Fgcoa	*UF Labor union issues Compensation Compensation system design *UF Compensation structure Compensation innovations Advancement-in-rate Merit pay *UF Pay for performance Pay grades / scales Pay caps / freezes Reenlistment bonuses Special pays *UF Hazardous duty pay
Fewa Fg Fgc Fgca Fgce Fgcg Fgcga Fgci Fgck Fgcm Fgco Fgcoa Fgcoa	*UF Labor union issues Compensation Compensation system design *UF Compensation structure Compensation innovations Advancement-in-rate Merit pay *UF Pay for performance Pay grades / scales Pay caps / freezes Reenlistment bonuses Special pays *UF Hazardous duty pay *UF Premium pay
Fewa Fg Fgc Fgca Fgce Fgcg Fgcga Fgci Fgck Fgcm Fgco Fgcoa Fgcoa Fgcoa	*UF Labor union issues Compensation Compensation system design *UF Compensation structure Compensation innovations Advancement-in-rate Merit pay *UF Pay for performance Pay grades / scales Pay caps / freezes Reenlistment bonuses Special pays *UF Hazardous duty pay *UF Premium pay *UF Proficiency pay
Fewa Fg Fgc Fgca Fgce Fgcg Fgcga Fgci Fgck Fgcm Fgco Fgcoa Fgcoa Fgcoa	*UF Labor union issues Compensation Compensation system design *UF Compensation structure Compensation innovations Advancement-in-rate Merit pay *UF Pay for performance Pay grades / scales Pay caps / freezes Reenlistment bonuses Special pays *UF Hazardous duty pay *UF Premium pay *UF Proficiency pay *UF Sea / foreign duty pay
Fewa Fg Fgca Fgcc Fgce Fgcga Fgci Fgck Fgcm Fgco Fgcoa Fgcoa Fgcoa Fgcoa Fgcoa Fgcoa	*UF Labor union issues Compensation Compensation system design *UF Compensation structure Compensation innovations Advancement-in-rate Merit pay *UF Pay for performance Pay grades / scales Pay caps / freezes Reenlistment bonuses Special pays *UF Hazardous duty pay *UF Premium pay *UF Proficiency pay *UF Sea / foreign duty pay Compensation comparisons
Fewa Fg Fgc Fgca Fgce Fgcg Fgcga Fgci Fgck Fgcm Fgco Fgcoa Fgcoa Fgcoa Fgcoa Fgcoa Fgcoa Fgcoa Fgcoa	*UF Labor union issues Compensation Compensation system design *UF Compensation structure Compensation innovations Advancement-in-rate Merit pay *UF Pay for performance Pay grades / scales Pay caps / freezes Reenlistment bonuses Special pays *UF Hazardous duty pay *UF Premium pay *UF Proficiency pay *UF Sea / foreign duty pay Compensation comparisons Benefits
Fewa Fg Fgc Fgca Fgce Fgcg Fgcga Fgci Fgck Fgcm Fgco Fgcoa	*UF Labor union issues Compensation Compensation system design *UF Compensation structure Compensation innovations Advancement-in-rate Merit pay *UF Pay for performance Pay grades / scales Pay caps / freezes Reenlistment bonuses Special pays *UF Hazardous duty pay *UF Premium pay *UF Proficiency pay *UF Sea / foreign duty pay Compensation comparisons Benefits Health care benefits
Fewa Fg Fgc Fgca Fgcc Fgcg Fgcga Fgci Fgck Fgcm Fgcoa	*UF Labor union issues Compensation Compensation system design *UF Compensation structure Compensation innovations Advancement-in-rate Merit pay *UF Pay for performance Pay grades / scales Pay caps / freezes Reenlistment bonuses Special pays *UF Hazardous duty pay *UF Premium pay *UF Premium pay *UF Proficiency pay *UF Sea / foreign duty pay Compensation comparisons Benefits Health care benefits *UF Medical benefits
Fewa Fg Fgca Fgcc Fgce Fgcga Fgci Fgck Fgcm Fgcoa	*UF Labor union issues Compensation Compensation system design *UF Compensation structure Compensation innovations Advancement-in-rate Merit pay *UF Pay for performance Pay grades / scales Pay caps / freezes Reenlistment bonuses Special pays *UF Hazardous duty pay *UF Premium pay *UF Premium pay *UF Proficiency pay *UF Sea / foreign duty pay Compensation comparisons Benefits Health care benefits *UF Medical benefits Maternity benefits
Fewa Fg Fgc Fgca Fgcc Fgcg Fgcga Fgci Fgck Fgcm Fgcoa	*UF Labor union issues Compensation Compensation system design *UF Compensation structure Compensation innovations Advancement-in-rate Merit pay *UF Pay for performance Pay grades / scales Pay caps / freezes Reenlistment bonuses Special pays *UF Hazardous duty pay *UF Premium pay *UF Premium pay *UF Proficiency pay *UF Sea / foreign duty pay Compensation comparisons Benefits Health care benefits *UF Medical benefits Maternity benefits Injury compensation

Fgee Insurance benefits Fgeg Retirement benefits Fgei Survivor benefits Fgeia *UF Death benefits Fgek Separation benefits Fgeka *UF Severance benefits Fgem Educational benefits Fgema *UF GI bill Fgema *UF Tuition assistance Fgeo Housing benefits Fgeoa *UF Supplemental housing allowance Fgeq Commissaries Fges Special Services benefits *UF Recreational facilities Fgesa Fgeu Subsistence benefits Fgeua *UF Meal expenses Fgeua *UF Quarters allowance Fgew Military exchanges Fgi Reimbursements Fgk Leave **Fgkc** Maternity leave Fi Occupational analysis Fic Occupational analysis techniques Fica *UF CODAP Fie Occupational differences Fiec Civilian-military comparisons Fig Technical qualifications Fik Job skills transfer Fim Occupational structures Fimc Job inventories **Fime** Occupational grades / skill levels Occupational structuring programs Fimg Fimi Civilianization of military jobs Fio Occupational databases Fiq Occupational effectiveness Fiqc Personal effectiveness factors **Fiqcc** Morale **Fiqce** Adaptability Fiqcg Dissatisfaction Figci Personal goals / objectives **Figck** Health **Figcm** Religious values **Figco** Socialization Figcq Self esteem **Figes** Personality Fige Job-related effectiveness factors Figec Employee involvement Figee **Incentives** Figeea *UF Awards

Figeg Motivation Job satisfaction Figei Commitment Figek Transfer Figem Figeo Deployment Figeq Job performance feedback Service expectations **Figes** Figg Family-related factors Family values Figge Figge Family separation Family relocation Fiqgg Figgi Family harmony Fiqgk Single-parent issues Fiqi Community / social-related factors Fiqia *UF Social change effects Fk Job analysis Fkc Job description Fkca *UF Job definition Fkca *UF Job specifications Fke Job design Fkg Position analysis Fki Job classification Fkic High-skill jobs Fkk Job requirements Fkkc Job requirements determination Fkke Skill / knowledge requirements Fkkg Physical requirements Fm Health and human services Fmc Occupational health Fme Health care delivery **Fmec** Fleet medical care Fmee Field medical care Combat medical care Fmeg Health care programs / services Fmg Fmgc Alcohol / drug abuse programs **Fmgca** *UF Alcoholism prevention **Fmgca** *UF Alcoholism treatment **Fmgca** *UF Drug abuse prevention Fmgca *UF Drug abuse treatment **Fmge** Mental health programs / services *UF Psychiatric programs **Fmgea** Stress reduction **Fmgec** Dependents health care Fmgg Fmgi Health maintenance programs **Fmgo** Rehabilitation programs Health care facilities Fmi Fmk Health services management / planning Fmkc Health manpower utilization

Fmke Health care costs **Fmkg** Health services evaluation **Fmki** Health patterns **Fmkk** Health care data Fmm Human services programs Fmmc Recreational programs Fmme Child care programs Fmmg Religious programs / chaplainry Fmmi Family counseling / support programs Fo Maladaptive behavior Foc Asocial / antisocial behavior Focc Unauthorized absence Focca *UF AWOL Focca *UF Desertion Foce Absenteeism Focg Delinquency Foci Discipline problems Fock Aggression Foe Substance use / abuse Foea *UF Alcohol use / abuse Foea *UF Drug use / abuse Foea *UF Tobacco use / abuse Fog Criminal behavior Fogc Child / spouse abuse Fq Socio-cultural issues Fqc Cross-cultural dynamics Fqcc Intergroup conflict **Fqce** Cultural assimilation Fqe Racial / ethnic issues Fqec ' Race relations Fgee Racial inequality Fqeg ' Racial / ethnic conflict Fqg Sex issues Fage Sex discrimination Fage Sex inequality Fqgg Sexual harassment Fqi Religious issues Fqk Societal issues Fqkc Military roles in society Fqm Moral / ethical issues Fgo Bias / prejudice Fs Human resources management databases Fsa *UF Personnel databases Fsc Human resources information systems Fsca ***UF NHRIS**

ORGANIZATIONS

G ORGANIZATIONS

```
Gc
       Organization type
Gcc
           Countries
Gccc
              Foreign countries
Gcce
              Allied countries
                  NATO countries
Gccec
Gccee
                  TTCP program countries
              Adversary countries
Gccg
Gce
          Federal government
Gcec
              Congressional authorization
Gceg
              Department of Defense
Gcegc
                  Army
                  Air Force
Gcege
Gcegg
                  Navy
                  Marine Corps
Gcegi
                  National Guard
Gcegk
                  Reserve military forces
Gcegm
                  Joint military services
Gcego
Gcegoa
                      *UF Tri-Services
Gcei
              Department of Transportation
Gceic
                  U.S. Coast Guard
                      *UF USCG
Gceica
Gceie
                  Federal Aviation Administration
Gceiea
                      *UF FAA
Gcek
              Office of Personnel Management
Gceka
                  *UF OPM
Gcem
              National Aeronautics and Space Administration
                  *UF NASA
Gcema
Gcg
           State / local governments
Gci
           Human services organizations
Gck
           Private sector organizations
Gcka
               *UF Companies
Gcka
               *UF Private industry
Ge
       Organizational design / development
Gec
           Organizational theory
Gee
           Organizational structure
Geec
               Organizational complexity
Geee
              Organizational procedures
              Civilian-military interface
Geeg
              Individual roles
Geei
Geek
```

Individual-organization relationships

Geg	Organizational communication
Gegc	Organizational communication networks
Gei	Organizational change
Geia	*UF Change implementation
Geia	*UF Change intervention
Geia	*UF Change management
Gek	Organizational goals / objectives
Gem	Organizational policy
Gemc	Policy planning / development
Geme	Policy implementation
Gemg	Policy evaluation
Gemga	
Geo	Organizational culture / climate
Geoc	Organizational stability / turbulence
Geoe	Quality of work life
Geog	Organizational values
Geoga	
Geq	Individual development
Geqc	Self-assessment
Gege	Job enrichment
Geqg	Counseling
Geqi	Mentoring
Ges	Leadership
Gesc	Leadership development
Gese	Leadership styles
Gesg	Leadership techniques
Gesi	Leadership assessment
Gesic	Leadership effectiveness
Gesie	Leadership performance prediction
Gesk	Leadership theories
Gesm	Leadership potential
Geu	Operational unit design
Gg	Group development / processes
Ggc	
Ggcc	
Ggcca	*UF Comradeship
Ggcca	*UF Group friendships / affiliations
Ggcca	*UF Group loyalty
Ggce	Group identification
Ggcg	Inter-group / intra-group communications
Ggci	Group competition / cooperation
Gge	Group composition / structure
Ggea	*UF Team structure
Ggec	Male-female mix
Ggee	Racial / ethnic mix
Ggeg	Skills / experience mix
Ggei	Heterogeneous groups
Ggek	Homogeneous groups
Ggem	Small groups
J	Prouho

Ggg	Group performance
Gggc	Group problem-solving
Ggge	Group decision-making
Gggg	Group / team effectiveness
Gi	Organizational effectiveness
Gic	Productivity
Gicc	Individual productivity
Gice	Group productivity
Gicg	Productivity measures
Gici	Productivity improvement
Gicia	*UF Productivity enhancement
Gicic	Quality circles
Gig	Organizational evaluation
Gii	Organizational data
Gk	Organizational management
Gkc	Management techniques
Gkcc	Management by Objectives
Gkcca	*UF MBO
Gkce	Large-group management
Gkcg	Crisis management
Gkci	Management simulation / games
Gkck	Management decision-making
Gkcm	Human relations management
Gkco	Total Quality Management
Gkcoa	*UF TQM
Gke	Management evaluation
Gkec	Management effectiveness
Gkg	Management development
Gkgc	Managerial potential

HUMAN FACTORS ENGINEERING

H HUMAN FACTORS ENGINEERING

```
Hc
       Human factors engineering design
Hcc
          HFE design principles
Hcca
              *UF HFE design criteria
          Man-machine interface
Hce
Hcea
              *UF Crew-equipment integration
              *UF Human-machine interface
Hcea
              *UF Man-in-the-loop
Hcea
Hcea
              *UF Man-machine communication
Hcea
              *UF Man-machine integration
Hcea
              *UF Soldier-hardware interface
              *UF User interface
Hcea
Hcea
              *UF User-system interface
Hcea
              *UF Vehicle-crew interface
Hcec
              Cueing methods
Hceca
                  *UF Attention cues
Hcee
              Voice communication
Hcg
          Cockpit resource management
Hck
          HFE tools
Hckc
              Breadboards
Hcke
              Prototypes
Hckea
                  *UF Rapid prototyping
Hckg
              Testbeds
Hcki
              Environmental chambers
Hcm
          HFE design evaluation
Hcma
              *UF Ergonomic assessment
Hcma
              *UF HFE design appraisal
Hco
          HFE design tradeoffs
              *UF Man-machine tradeoffs
Hcoa
Hcoa
              *UF Man-software tradeoffs
He
       Man-computer interface
Hea
          *UF Human-computer interface
Hea
          *UF Man-computer communication
Hea
          *UF User-computer interface
Hec
          Function allocation
Hecc
              Trusted system
Hee
          Online user help
Heg
          Interactive control language
Hei
          Natural language interface
Hek
          Automated speech / language processing
```

Automated voice / speech recognition

Hekc

```
Heke
                 Voice / speech analysis
  Hekec
                    Speech intelligibility
  Hekg
                 Voice / speech synthesis
  Hekga
                    *UF Computer-generated voice
  Heki
                Speech compression
  Hem
             Automated text processing
 Hema
                *UF Automated text reduction
 Hema
                *UF Automated text translation
 Hg
         Control engineering
 Hgc
             Control system dynamics
 Hgca
                *UF Control feedback
 Hge
             Control systems
 Hgec
                Manual control
 Hgecc
                    Touch-activated control
 Hgece
                    Controllers
 Hgecea
                       *UF Control devices
 Hgee
                Remote control
 Hgeg
                Visually-activated control
 Hgei
                Voice-activated control
 Hgeia
                    *UF Voice control
 Hgek
                Hands-off controls
 Hgem
                Head-up controls
 Hgeo
                Adaptive control
 Hgeq
                Automated control
 Hgg
            Control panels
Hggc
                Control panel layout
Hi
        Display engineering
Hic
            Display requirements
Hie
            Special-function displays
Hiec
               High-resolution displays
Hiee
               Situational displays
Hieg
               Interactive displays
Hiei
               Intelligent displays
Hiek
               Programmable displays
Hiem
               Integrated displays
Hieo
               Static displays
Hieq
               Color displays
Hig
           Display design
Higa
               *UF Display color
Higa
               *UF Display luminance
Higa
               *UF Display metrics
Higa
               *UF Display size
Higa
               *UF Display translucency
Higc
               Computer image generation
Higca
                   *UF CIG
Higca
                   *UF Computer-generated graphics
Hige
               Display image quality
Higea
                   *UF Image attenuation
```

```
Higea
                  *UF Image contrast
                   *UF Image distortion
Higea
                  *UF Image fidelity
Higea
                  *UF Image intensity
Higea
                   *UF Image resolution
Higea
                   *UF Image shading
Higea
                   *UF Image texture
Higea
Higea
                   *UF Visual display noise
                  Display legibility
Higec
                      *UF Display readability
Higeca
              Display interpretability
Higg
                   *UF Display image magnification
Higga
                   *UF Display image orientation
Higga
                  Display symbology
Higgc
                      *UF Icons
Higgca
Hii
           Display components
Hiic
              Instrument dials
Hiie
               Screens
Hiiea
                   *UF Screen materials
Hik
           Display types
Hikc
               Cathode-ray-tube displays
                   *UF CRT
Hikca
Hike
               Acoustic displays
                   *UF Sonic imaging displays
Hikea
Hikg
               Laser displays
Hikga
                   *UF Holographic displays
Hiki
               Flat panel displays
               Electronic displays
Hiki
Hikl
               Electro-optical displays
Hiklc
               FLIR displays
               LLLTV displays
Hikle
               Radar displays
Hikm
Hiko
               Plasma displays
               Liquid crystal displays
Hikp
                   *UF LCD
Hikpa
Hikr
               Thermal displays
Hiks
               Analog displays
Hiku
               Digital displays
Hikw
               Raster displays
Him
           Display presentation formats
Himc
               Graphic displays
                   *UF Pictoral displays
Himca
               Matrix displays
Hime
Himi
               Large-screen displays
Himk
               Miniature displays
               Multiple displays
Himm
               Three-dimensional displays
Himo
                   *UF 3-D displays
Himoa
Himoa
                   *UF Stereoscopic displays
```

Display sense modes

Hio

Hioc Visual displays Hioe Tactile displays Hioec Vibratory displays Hioee Touch-screen displays Hiog Multi-sensory displays Hiq Display location Higc Helmet-mounted displays Hige Cockpit displays Higea *UF Glass cockpit Higg Head-up displays Higi Visually-coupled displays Higia *UF Head-coupled displays Hk Control-display integration Hkc Control-display systems Hke Control-display dynamics Hkg Control-display lighting Hki Control-display compatibility Hm Workplace design Hmc Work station design Hmca *UF Computer work station design Hmca *UF Operator work station design Hme Office automation Ho Vehicle engineering Hoc Cockpit automation Hoca *UF Fly-by-wire Hoe Windscreen design Hog Seat design Hq Systems engineering Hqa *UF Equipment engineering Hqa *UF Weapon systems engineering Hqc System design / development Hqca *UF Weapon system design Hacc System requirements Hqcca *UF Design criteria Hqcca *UF Equipment requirements Hqcca *UF Weapon system requirements Hqce Design aids Hqcec Computer-aided system design Hqceca *UF CAD / CAM Hqcee Design guidelines Hqcf Equipment design Hqcg Tool design Hqci Safety design Hqck Simulator design Hqcm System redundancy Hqco Man-rated

Hqcq	System simulation
Hqcs	Design innovations
Hqcu	Realism / fidelity
Hqcw	User friendliness
Hqe	System modification
Hqec	System modernization
Hqg	System performance
Hqgc	System effectiveness
Hqgca	*UF Crashworthiness
Hqgca	*UF System hardness
Hqgca	*UF System reliability
Hqgca	*UF System survivability
Hqge	System performance degradation
Hqgg	System / equipment maintainability
Hqgga	*UF System readiness / availability
Hqgga	*UF System supportability
Hqgga	*UF System sustainability
Hqggc	System maintenance requirements
Hqggca	*UF Equipment maintenance requirements
Hqgi	System compatibility
Hqgk	Computer response time
Hqi	System test / evaluation
Hqia	*UF Equipment test / evaluation
Hqia	*UF Weapon system test / evaluation
Hqic	Operational performance test / evaluation
Hqk	System obsolescence
Hqka	*UF Equipment obsolescence

Hs Facilities engineering
Hsc Facility requirements
Hse Facilities design
Hsg Facilities maintenance

INFORMATION PROCESSING / COGNITION

K INFORMATION PROCESSING / COGNITION

Kc	Types of information
Kcc	Verbal information
Kcca	*UF Voice information
Kce	Visual information
Kcg	Graphic information
Kci	Technical information
Kck	Tactical information
Kcm	Intelligence information
Kd	Information requirements
Kdc	Input data requirements
Kf	Information acquisition
Kfa	*UF Information seeking
Kg	Information flow
Ki	Information processing
Kic	Information processing strategies
Kie	Information classification
Kig	Signal processing
Kigc	Signal detection
Kige	Signal classification
Kii	Pattern recognition
Kik	Situational awareness
Kj	Information characteristics
Kja	*UF Data characteristics
Kjc	Data organization
Kje	Data gaps
Kjea	*UF Incomplete information
Kjg	Multiple data sources
Kjgc	Data fusion
Kjge	Data links
Kji	Readability / comprehensibility
K1	Information-processing environments
Klc	Situation variables
Klca	*UF Dynamic environments
Klca	*UF Situation complexity

Environment complexity

Klcc

· Klce **Probability** Klcg Uncertainty Klcga *UF Unpredictability Klci Risk Kle Multiple-sensory inputs Klec Information overload Kleca *UF Sensory overload Klg Real-time environments Kli Information interference Klia *UF Background noise Klic Signal-to-noise ratio Km Cognition Kmc Cognitive theory Kme Cognitive styles Kmea *UF Cognitive patterns Kmg Cognitive processing **Kmga** *UF Mental processing **Kmgc** Inference **Kmgca** *UF Logical inference **Kmge** Intuition **Kmgea *UF Instincts Kmgg** Reasoning **Kmggc** Common sense reasoning **Kmgge** Inductive reasoning Kmgi Subjective judgment Kmgk Mental imagery Kmi Cognitive mapping Kmk Cognitive responses Kmm Cognitive performance Kmmc Cognitive overload **Kmme** Mental ability Kmmea *UF Intellectual ability / capacity **Kmmg** Marginal mental ability Kmmga *UF Category IV Kmo Comprehension Kmoa *UF Understanding Kmoc Language comprehension Kmocc Speech comprehension Kmocca *UF Verbal processing **Kmocca** *UF Voice / speech processing **Kmoce** Reading comprehension Kmocea *UF Text comprehension **Kmoe** Image recognition / processing Kmoec Symbolic processing Kmq Creativity Ko Learning Koa *UF Knowledge acquisition Koa *UF Knowledge enhancement

```
Koc
          Learning theory
Koe
          Learning strategies
Koea
              *UF Study strategies
Kog
          Learning processes
Koi
          Learning styles
Kok
          Learning ability
Kom
          Learning rate
Koo
          Learning difficulties
Koq
           Experience
Koqc
              Experience-based learning
                  *UF Job-related learning
Koqca
Kos
          Relearning
Kow
           Conditioning
           Skills learning
Koy
              *UF Skill acquisition
Koya
              Skill degradation / perishability
Koyc
              Skill retention
Koye
Kp
       Decision making
Kpa
           *UF Choice
Kpc
           Decision theory
Kpe
           Decision strategies
           Decision-making processes
Kpg
Kpi
           Operational decision making
              Tactical decision making
Kpic
Kpie
              Strategic decision making
Kpk
           Decision aids
Kpkc
              Computer-based decision aids
Kpm
           Decision support systems
Kpo
           Decision situation taxonomy
Kr
       Problem solving
Krc
           Problem-solving theory
Kre
           Problem-solving strategies
Ks
       Intelligent systems
Ksc
           Knowledge-based expert systems
Ksca
               *UF Blackboard systems
Ksca
               *UF Case-based reasoning systems
Ksca
               *UF Expert systems
Ksca
               *UF Inference engines
Ksca
               *UF Knowledge-based systems
Ksca
               *UF Reasoning systems
Ksca
               *UF Rule-based systems
Kse
           Knowledge engineering
Ksg
           Knowledge representation
Ksi
           Artificial intelligence
Ksia
               *UF AI
```

Ksk Fuzzy thinking

Kska *UF Fuzzy controllers

Ksm Neural networks

Ku Memory

Kuc Memory processes
Kue Short-term memory
Kug Long-term memory
Kui Memory enhancement

Kuk Recall

Kuka *UF Knowledge retrieval

Kv Authoring aids

Kvc Computerized authoring aids

HUMAN PERFORMANCE

M HUMAN PERFORMANCE

Mb	Human performance capabilities
Mbc	Job performance
Mbe	School performance
Mbg	Training performance
Mbi	Test performance
Mbk	Career performance
Mbm	Operator performance
Mbo	Soldier performance
Mboa	*UF Soldier capabilities
Mbq	Vigilance
Mbqc	Attention
Mbqe	Alertness
Mbqg	High-arousal states
Mbs	Human response time
Mbsa	*UF Reaction time
Mbv	Performance enhancement
Mc	Human performance measurement
Mcc	Performance objectives
Mce	Performance standards
Mcg	Performance requirements
Mci	Job performance evaluation
Mcia	*UF Performance appraisal
Mck	Performance feedback
Mcm	Performance monitoring
Mco	Performance data
Mcq	Performance prediction
Me	Human performance effectiveness
Mec	Performance variables
Mee	Performance limitations
Meg	Performance degradation / decrements
Mei	Individual differences
Mek	Human error
Mekc	Operator error
Meke	Pilot error
Mf	Attitude assessment
Mfc	Attitudinal change
Mfe	Attitudes

Attitudes toward peers

Mfec

Mfed Attitudes of youths Mfef Attitudes of minorities Mfeg Attitudes toward minorities Mfei Attitudes of females Mfei Attitudes toward females Mfel Attitudes toward policies Mfem Attitudes of communities Mfeo Attitudes toward training methods Mfep Attitudes toward military service Mfer Attitudes toward military benefits Mfes Attitudes toward technological innovation Mfeu Attitudes toward change Mh Job aids Mha *UF Enriched job aids Mha *UF Fully proceduralized job aids Mha *UF Hybrid job aids Mhc Maintenance / troubleshooting aids Mi Psychophysiological factors Mic Adaptation Micc Physiological adaptation Mice Psychological adaptation Mie Stress Miec Combat stress Mieca *UF Battle fatigue Mieca *UF Combat shock Miee Job stress Mieg Physiological stress Miegc Body temperature Miegca *UF Body heat loss Miegca *UF Cold stress Miegca *UF Heat stress Miei Psychological stress Miek Coping behavior Mieka *UF Coping strategies Mig Loss of consciousness Mii **Body** motion Miia *UF Kinesthesia Mik **Fatigue** Mim Rest Mio Sleep deprivation Mioa *UF Lack of sleep Miq Sensory deprivation Mis Restricted body movement Miu Confined spaces Miw Psychological factors Miwc Fear Miwe **Anxiety** Miwg **Disorientation**

```
Mk
       Physical factors
Mkc
           Anthropometric measurements
Mkcc
              Body size
                  *UF Body height
Mkcca
                  *UF Body weight
Mkcca
                  *UF Limb extention
Mkcea
                  *UF Arm extention
Mkcea
Mkcea
                  *UF Leg extention
                  *UF Reach
Mkcea
Mke
           Physical capability
Mkec
              Physical strength
Mkee
              Physical tolerance
                  *UF Endurance
Mkeea
                  *UF Stamina
Mkeea
Mkeg
              Work capacity
Mkei
              Physical effort / exertion
              Body mobility
Mkek
              Physical variability
Mkem
              Physical fitness
Mkeo
Mkg
           Pregnancy
           Nutrition
Mki
Mkia
              *UF Food
Mkk
           Mental illness
              *UF Psychiatric disorders
Mkka
Mkkc
              Depression
MI
       Sensory systems / processes
Mla
           *UF Perceptual processes
           Auditory system
Mlc
Micc
              Auditory perception
              Auditory-evoked response
Mlce
                  *UF AER
Mlcea
              Auditory disorders
Mlcg
                  *UF Hearing loss
Micga
                  *UF Tinnitus
Mlcga
           Visual system
Mle
Mlec
               Visual perception
Mlecc
                  Depth perception
                      *UF 3-D perception
Mlecca
                      *UF Spatial perception
Mlecca
Mlece
                  Color perception
               Visual-evoked response
Mlee
Mleea
                  *UF VER
               Eye movement
Mleg
Mlei
               Visual acuity
               Field-of-view
Mlek
Mlekc
                  Peripheral vision
               Visual adaptation
Mlem
                  Night vision
Mlemc
               Visual disorders
Mleo
```

Mleoc Color defectiveness Mleoca *UF Color blindness Mlg Olfactory system Mlgc Olfactory perception Mli Vestibular system Mlic Vestibular perception Mlica *UF Equilibrium Mlie Vestibular disorders Mliec Motion sickness Mlieca *UF Air sickness Mlieca *UF Sea sickness Mlk Tactile perception Mlka *UF Touch Mlm Multi-sensory information processing Mlma *UF Multimedia interface Mlo Sensory / perceptual performance Mloc Response latency Mn Perceptual-motor functions / processes Mna *UF Neuromuscular functions / processes Mna *UF Psychomotor functions Mnc Psychomotor performance Mnca *UF Motor performance Mncc Eye-hand coordination Mnce Manual dexterity Mne Psychomotor monitoring Mo Neurological system Moa *UF Brain function / structure Moa *UF Neurological functions Moc Brain processes Moca *UF Brain activity Moca -*UF Neural processes Mocc -Brain waves Moce -Evoked brain response Mocea -*UF Event-related potentials Moe Brain monitoring Cardiovascular system / processes Mq Mr Respiratory system / processes Mrc **Breathing** Mrca *UF Respiration Mt Musculoskeletal system / processes Mtc Head movement Mv Biophysiological procedures / techniques / measures Mvc Bioelectrical procedures / measures

Mvca

*UF EEG

Mvca *UF EKG
Mve Biomagnetic procedures / measures
Mvg Biochemical procedures / measures
Mvgc Drug applications
Mvgca *UF Pharmacological agents

Mvi Psychophysiological procedures / measures

*UF Biofeedback procedures

Mvia *UF Biofeedback procedures
Mvk Medical procedures / diagnosis

Mx Biomechanics

Mxa *UF Biodynamics
Mxc Crash dynamics
Mxe Diving physiology

Mxea *UF Underwater physiology

Mxec Decompression
Mxeca *UF Bends

Mxeca *UF Decompression sickness

DATA MANAGEMENT

N DATA MANAGEMENT

```
Nc
       Information systems by type
Nca
           *UF Computer systems
Ncc
           Database systems
Nce
           Information storage / retrieval systems
Ncea
              *UF Computer storage / retrieval systems
Ncea
              *UF ISAR systems
Ncea
              *UF Information retrieval systems
           Management information systems
Ncg
Ncga
              *UF MIS
Nci
          Program management systems
Ng
       Computer system design / development
Nga
           *UF Computerization
Ngc
           Computer system requirements
Nge
           Computer system organization
Ngea
              *UF Computer networks
Ngea
              *UF Computer system architecture
Ngea
              *UF Distributed architectures
Ngea
              *UF Networks
Ngea
              *UF Parallel architectures
Ngg
           Computer system construction
Nggc
              Computer interfaces
Ngi
          Computer system integration
Ni
       Data entry
Nic
           Optical scanning
Nie
           Electronic data transfer
Nig
          Pen-based input
Nk
       Data manipulation
Nkc
          Data reduction
Nke
          Data compression
Nkg
          Data conversion
Nkk
          Database merging
Nkka
              *UF File merging
Nm
       Computer system management
Nmc
          Computer system / software documentation
Nme
           Computer system maintenance
Nmea
              *UF System purging
Nmea
              *UF Computer system security
```

Nmg	Computer system security
Nmga	*UF Database security
Nmga	*UF System privacy

No Computer software Noa *UF ADP software Noc Software development Noca *UF Computer programming Noca *UF Integrated software Nocc Computer programming languages Noce Computer programmer aids Nocg Object-oriented programming Noe Software maintenance Nog Software transferability Noga *UF Software portability Noi Off-the-shelf software Nok Software standards Nom Database management software Noma *UF DBMS Noma *UF Database management systems Noo Graphics / mapping software Noq Statistical software Nos Desktop publishing software

Word processing software

Nou

PROGRAM MANAGEMENT

O PROGRAM MANAGEMENT Oc Research and development programs Oe Materiel acquisition programs Og Human systems integration programs Ogc **HARDMAN** Oge **MANPRINT** Ogg **IMPACTS** Oi Program planning Oic Program requirements Oie Program objectives Oiea *UF Program goals Oiea *UF S&T objectives Oig Resource / capability assessment Oii Resource allocation / utilization Oik Priority assessment **Oim** Program constraints Oio Program costs Oiq Lessons learned Ois Long-range planning Oiu **Experiments** Oiw Technology assessment Oiwc Technological innovation Oiwe Technology forecasting Oiwg Technology impact Oiwi Off-the-shelf technology Oiwk State-of-the-art technology **Oiwm** Automation concepts Oiy Planning documentation Ok Program development Okc Concept development Oke Feasibility studies Okg Pilot projects Oki Program design Om Program administration Oma *UF Administrative procedures

*UF Program compliance

*UF Program coordination

Oma

Oma

Oma *UF Program monitoring
Oma *UF Resource management

Omc Technical support
Ome R&D support

Oo Program evaluation

Ooa *UF Program assessment

Ooc Program management evaluation

Ooe Product evaluation

Oq Product utilization

Oqc Product generalizability / interoperability

Oqcc Technology transfer
Oqe Technology acceptance
Oqea *UF User acceptance

Oqg R&D product / findings implementation

Oqi Joint-Service R&D utilization
Oqk Research findings dissemination

Oqkc Resource centers

Os Financial management

Osc Budgeting

Oscc Budget forecasting

Ou Contract management

Oua *UF Contract compliance
Oua *UF Proposal evaluation

Ow Facility management
Owa *UF Site management

Owc R&D facilities

Owca *UF Research laboratories

Owe Facility costs
Owg Facilities utilization

DEFENSE / WARFARE

DEFENSE / WARFARE Pc State of war Pcc Peacetime Pce Wartime Pe **Defense** Pec Air defense Pee Space defense Peg National security Pei Deterrence strategies Pek Missile defense Pem Countermeasures **Pemc** Electronic countermeasures Pemca *UF ECM Peme Optical countermeasures Pemea *UF Visual countermeasures Pemg Camouflage Pemi Stealth technology Pg Military doctrine Pga *UF Doctrine Pi Threats Pic International crises Pie Advance warning of attack Pig Threat recognition Pii Adversarial analysis Pik Threat analysis Pika *UF Military threat analysis Pika *UF Nonmilitary threat analysis Pika *UF Threat evaluation Pim Military crisis management Pk Warfare by type Pkc Land warfare Pkcc Tank warfare Pkccc Anti-tank warfare Pke Naval warfare Pkec Surface warfare Pkecc Anti-surface warfare

*UF ASUW

Submarine warfare

Pkecca

Pkee

Pkeec Anti-submarine warfare Pkeeca *UF ASW Pkg Amphibious warfare Pki Air warfare Pkic Anti-air warfare Pkica *UF AAW Pkie Air strike Pkk Space warfare Pkm Chemical / biological / radiological warfare Pkma *UF CBR warfare Pkma *UF NBC warfare Pkma *UF Nuclear / biological / chemical warfare Pkmc Chemical warfare Pkme Biological warfare Pkmg Radiological warfare *UF Nuclear warfare Pkmga Pko Electronic warfare Pkoa *UF EW Pkq Mine warfare Pkqc Mine detection Pkge Mine countermeasures Pks Acoustic warfare Pku Urban warfare Pkw Special warfare Pm Military missions Pmc Mission requirements Pme Mission planning / preparation Pmea *UF Mission analysis Pmg Terrain analysis Pmi Mission performance **Pmic** Mission evaluation Pmk Tactical missions Pmm Strategic missions Pmo Space missions Po Military operations Poc Military intelligence Poca *UF Intelligence gathering Poca *UF Reconnaissance Poe Sustained operations Poea *UF Continuous operations Pog Offensive operations Poga *UF Ambush operations Poga *UF Forward area operations Poi Night operations Pok Battle management Poka *UF Airbattle management Poka *UF Battlefield management **Pokc** Airland battle

```
Pom
           Combat
Pomc
              Ground combat
Pomca
                  *UF Field combat
Pomca
                  *UF Land combat
Pome
              Air combat
Pomec
                  Air-to-air combat
Pomee
                  Air-to-ground combat
Pomeg
                  Aircraft launch
Pomei
                  Aircraft landing
Pomeia
                      *UF Aircraft recovery
Pomg
              Close combat
Pomi
              Platform maneuvering
Pomic
                  Nap-of-the-Earth
Pomica
                      *UF NOE
Poo
           Attack
Pooc
              Attack planning
           Command / control / communication / intelligence
Poq
              *UF C3 Intelligence
Poqa
Poqa
              *UF C3I
              Command / control / communication
Poqc
Poqca
                  *UF C3
Poqe
              Command / control / intelligence
Poqea
                  *UF C2I
Poqg
              Command and control
Poqga
                  *UF C2
Poqi
              Command and control centers
Pogk
              Tactical communications
Poqm
              Communication degradation
Pos
           Damage management
Posc
              Damage assessment
Pose
              Damage control
Posg
              Fire fighting
Pou
           Search and rescue
Poua
              *UF SAR
Pow
           Surveillance
Pp
       Nonmilitary operations
Ppc
           Drug interdiction
Ppe
           Terrorism
Pr
       Weapons
Prc
           Weapons / ammunition management
Prca
              *UF Munitions management / disposal
Prca
              *UF Ordnance management / disposal
Pre
           Weapons selection / assignment
Prg
           Weapon firing / launch
Pri
           Weapons handling
Ps
       Gunnery
Psc
           Anti-tank / anti-armor gunnery
```

Pse Fire control

Psea *UF Artillery control
Psea *UF Fire direction

Psg Fire support

Psi Sustained artillery fire

Pu Targetry

Puc Target detection
Pue Target acquisition

Pug Target identification / classification

Pui Target characteristics
Puk Target tracking

Pum Target range estimation

Puo Target motion
Puq Target hand-off

Pw Support operations

Pwc Maintenance / repair
Pwcc Electronics maintena

Pwcc Electronics maintenance

Pwcca *UF Electronics troubleshooting

Pwce On-site repairs
Pwe Logistics support

Pwec Supply management

Pweca *UF Materiel management

Pwee Maintenance / materiel management systems

Pwg Combat engineering support

Pwi Airlift operations
Pwk Shore activities
Pwm Cartography

Px Military preparedness
Pxc Combat effectiveness
Pxe Operational readiness
Pxea *UF Combat readiness
Pxec Deployment readiness
Pxeca *UF Deployability
Pxee Personnel readiness

Pxeea *UF Manpower readiness

PERSONNEL

R PERSONNEL

Rfi

Leaders

```
Rb
       Military personnel
Rba
           *UF Uniformed personnel
Rbc
           Officers
Rbca
               *UF Commissioned officers
Rbe
           Officer candidates
Rbec
              ROTC cadets
Rbg
           Warrant officers
Rbi
           Enlisted personnel
Rbic
              Petty officers
Rbie
              Noncommissioned officers
Rbiea
                  *UF NCOs
Rc
       Civilian personnel
Rcc
           Civil service personnel
Rce
           Contract personnel
Re
       Service status
Rec
           Recruits
Recc
              Prior service recruits
Rece
              Nonprior service recruits
Ree
           Trainees
Reea
               *UF In-training personnel
Reg
           Active duty personnel
Rei
           Reserve personnel
Rek
           Retired personnel
Rem
           Veterans
Reo
           Nonunit manpower
Reoa
               *UF Individuals' accounts
Reoc
               Transients
Reoe
              Patients
Reog
              Casualties
Reoi
              Prisoners of war
Reoia
                   *UF POWS
Rf
       Level of command
Rfc
           Company commanders
Rfe
           Command staff
Rfg
           Commanding officers
Rfga
               *UF Commanders
```

Rh Combat personnel Rha *UF Combat unit Rhc Ground combat personnel Rhca *UF Ground forces Rhcc Infantry Rhce Motorized infantry Rhcg Artillery specialists Rhci Forward observers Rhck Combat vehicle crews Rhckc Armor crews Rhckca *UF Tank crews Rhe Gunners Rhg Special Forces Ri Shipboard personnel Ric Submarine personnel Rie Flight deck personnel Rk Shore-based personnel RI **Aircrews** Rla *UF Helicopter crews Rlc **Pilots** Rica *UF Aviators Rlcc **Copilots** Rle **Bombardiers** Rn Space crews Ro Technical specialists Roa *UF Technicians Rob **Navigators** Roc Electronics specialists Roe Calibration technicians Rof Communications specialists Roh Computer programmers Roi -Intelligence specialists Rok Linguists Rom Air traffic controllers Roo Underwater workers Rooa *UF Divers Rop Mechanics Roq Maintenance personnel Ror Damage control personnel Rorc Fire fighters Rot Engineering personnel Rou **Operators** Rov Scientists / engineers Rox Health care specialists Roxa *UF Health manpower

```
*UF Medical personnel
Roxa
Roxc
              Physicians
Roxe
              Dentists
Roxg
              Nurses
       Functional support specialists
Rq
Rqc
          Recruiters
           Personnel services staff
Rqd
              Guidance counselors
Rqdc
Rqde
              Human relations personnel
Rqf
           Instructors
              *UF Drill instructors
Rqfa
Rqfa
               *UF Teachers
Rqg
           Opposing Force
Rqga
               *UF OPFOR
Rqi
           Chaplains
Rqic
              Unit ministry team
                  *UF UMT
Rqica
           Evaluators
Rqj
               *UF Raters
Rqja
           Management personnel
Rql
Rqla
               *UF Executives
Rqla
               *UF Supervisors
Rqm
           Security personnel
Rqma
               *UF Guards
               *UF Military police
Rqma
Rqo
           Vehicle operators
               *UF Drivers
Rqoa
Rqp
           Ground crews
           Supply personnel
Rgr
       Demographic characteristics
Rr
Rrc
           Females
               *UF Women
Rrca
Rre
           Males
               *UF Men
Rrea
Rrg
           Single parents
           Dual military career couples
Rri
Rrk
           Minorities
           Racial / ethnic background
Rrm
               *UF American Indians
Rrma
               *UF Asian Americans
Rrma
               *UF Blacks
Rrma
               *UF Caucasians
Rrma
Rrma
               *UF Hispanics
            Education level
Rro
Rroc
               High school nongraduate
Rroe
                Students
Rroec
                   High school students
                   College students
Rroee
```

Rroeea *UF Graduate students
Rroeea *UF Undergraduates

Rroi High school graduates
College graduates

Rrok Service academy graduates

Rrq Disabled personnel

Rrqa *UF Handicapped personnel

Rt Level of experience

Rtc Novices Rte Experts

Ru Geographic location
Ruc Overseas personnel
Rue Foreign personnel
Rug CONUS personnel

Rw Teams

Rwa *UF Crews

Rx Families

Rxa *UF Children
Rxa *UF Dependents
Rxa *UF Military families
Rxa *UF S

Rxa *UF Spouses

SKILLS

S SKILLS

Sgea

```
Sc
        Skill classes
Scc
           Critical skills
Sce
           Diagnostic skills
Scg
           Cognitive skills
Scgc
               Decision-making skills
Scge
               Problem-solving skills
Sci
           Nontraditional skills
Sck
           Psychomotor skills
Scka
               *UF Motor skills
Scka
               *UF Noncognitive skills
Scm
           Leadership skills
Se
       Military skills
Sec
           Tactical warfare skills
See
           Urban warfare skills
Seg
           Strategic warfare skills
Sei
           Shiphandling skills
Seia
               *UF Ship piloting
Sek
           Aircraft piloting skills
Seka
               *UF Flying
Sem
           Combat skills
Semc
               Field combat skills
Seme
               Air combat skills
Semg
               Gunnery skills
Semi
               Markmanship skills
Semk
               Map / chart reading skills
Seo
           Navigation skills
Seoc
               Surface navigation skills
Seq
           Driving skills
Ses
           Firefighting skills
Seu
           Diving skills
Sew
           Survival skills
Sewa
                *UF POW survival skills
Sg
       Basic skills
Sga
            *UF Essential skills
Sga
            *UF Initial skills
Sgc
           Mathematical skills
Sge
           Language skills
Sgea
                *UF Linguistic skills
```

*UF Literacy skills

	•
Sgea	*UF Verbal skills
Sgec	Reading skills
Sgee	Writing skills
Sgeg	Second language skills
Sgega	*UF ESL skills
Si	Personal improvement / social skills
Sic	Stress reduction skills
Sie	Listening skills
Sig	Organizational skills
Siga	*UF OE skills
Sii	Planning skills
Sik	Rater skills
Sim	Community relations skills
Sio	Human relations skills
Sk	Oggunational alaitta
Ska	Occupational skills
	*UF Task-specific skills
Skc	Maintenance skills
Skcc	Facilities maintenance skills
Skce	Electronics maintenance skills
Skcg	Mechanical maintenance skills
Ske	Instructor skills
Skg	Medical technican skills
	Contract management skills
Skk .	Safety practices skills
Skm	Law enforcement skills
Sko	Science skills
Skq	Computer operation skills
Skqa	*UF Computer user skills

TASK / SYSTEM ANALYSIS

T TASK / SYSTEM ANALYSIS

```
Tc
       System analysis
Tcc
           Front-end analysis
Tcg
           Function analysis
Tcga
              *UF Critical functions analysis
Tcga
              *UF Function flow analysis
Te
       Workload analysis
Tec
           Workload
Tecc
              Mental workload
Tece
              Workload determination
Tecec
                  Workload forecasting / prediction
Tecg
              Workload design
Tee
           Work-rest cycles
Tg
       Task analysis
Tgc
           Task requirements
           Task-equipment analysis
Tge
Tgg
           Task integration
Tgi
           Task simplification
Tgk
           Task loading
Tgkc
              Concurrent tasks
Tgke
              Multiple tasks
Tgm
           Task complexity
Tgo
           Group / team tasks
Tgq
           Automation assessment
Tgqc
              Automation levels
Tgqe
              Automation effects
```

Task taxonomies

Tgs

QUANTIFICATION / ANALYSIS TECHNIQUES

V QUANTIFICATION / ANALYSIS TECHNIQUES

```
Vc
        Data collection methods
Vcc
           Interviews
Vce
           Observations
Vcec
               Direct observations
Vcee
               Videotaped observations
Vcg
           Surveys
Vcgc
               Questionnaires
Vci
           Inventories
Vck
           Longitudinal studies
Vcka
               *UF Historical data
Vcm
           Sampling techniques
Vco
           Checklists
Vcq
           Literature reviews
Vcs
           Automated data collection
Ve
        Computational techniques
Vec
           Algorithms
Vf
        Quantitative methods
Vfc
           Statistical analysis
Vfcc
               Statistical techniques
Vfccc
                   Analysis of variance
Vfccca
                       *UF Analysis of covariance
Vfcce
                   Correlation analysis
Vfccg
                   Regression techniques
Vfccga
                       *UF Discriminant analysis
Vfccga
                       *UF Multiple regression analysis
Vfccga
                       *UF Multivariate analysis
Vfcci
                   Fourier analysis
Vfcck
                   Bayesian analysis
Vfccm
                   Factor / cluster analysis
Vfe
           Cost analysis
Vfea
                *UF CEA
Vfea
                *UF Cost benefit analysis
Vfea
                *UF Cost effectiveness analysis
Vfec
               Cost benefits
Vfee
                Cost savings
Vfeea
                   *UF Cost avoidance
Vfeg
                Cost effectiveness
Vfei
               Life cycle costs
```

Cost tradeoffs

Vfek

Vfem Utility models Vfg Analytic techniques Vfgc Content analysis Vfge Comparative analysis Vfgg Sensitivity analysis Vfgi Tradeoff analysis Vfi Psychometric techniques Vfk Rating scales Vfm Operations research Vfma *UF Linear programming Vg Simulation techniques Vgc Computer simulation Vge Outcome simulation Vgea *UF Input-output modeling Vgea *UF Monte Carlo procedures Vh Models Vhb Econometric models Vhc Organizational models Vhcc Organizational effectiveness models Vhce Peer group / intergroup models Vhd Behavioral models Vhdc Cognitive models Vhdca *UF Mental models Vhde Performance models Vhdg Leadership models Vhdi Training models Vhdk Human operator models Vhe Decision models Vhf **Evaluation models** Vhg Policy models Vhh Cost models Vhi Combat models Vhia *UF CORBAN Vhia *UF FORSTALS Vhi Terrain models Vhk Personnel assignment models Vhkc Rotation models Vhkca *UF Sea-shore rotation models Vhm Planning models Vhmc Manpower models Vhme Forecasting models Vhmea *UF Prediction models Vhn Computer models Vho Mathematical models Vhoa *UF Computation modeling Vhp Graphical models Vhpa *UF Blackboard models Vhpa *UF Breadboard models

Vhq	Stochastic models
Vhr	Heuristic models
Vhs	Deterministic models
Vht	Maximum likelihood models
Vhu	Optimization models
Vhv	Mockups
Vhva	*UF Physical models
Vhva	*UF Scale models
Vhw	Simulation models
Vhy	Model development
Vhye	Model validity
	1110001 (1111111)
Vj	Testing theories / factors
Vjc	Test response faking
Vje	Field dependence theory
Vjg	Attribution theory
Vji	Latent trait theory
Vjk	Item-response theory
Vjo	Test response guessing
Vk	Test construction / validation
Vkc	Test design
Vkca	*UF Instrument construction
Vke	Automated test construction
Vkg	Test items
Vki	Criteria development
Vkk	Test norms
Vkm	Test calibration
Vko	Test weighting
Vkq	Test validity
Vkqa	*UF Test accuracy
Vks	Test reliability
Vkw	Test bias
Vkwc	Culture-free tests
Vm	Tost odministration
Vmc	Test administration Test administration bias
Vme	
Vmec	Test scoring
VIIIEC	Computer-based test scoring
Vn	Testing environment
Vnc	Laboratory tests
Vne	Field tests
Vnea	*UF Ground-based tests
Vng	In-flight tests

Vp Test purpose Vpc Screening tests Vpcc Qualifying tests Vpce Selection tests Vpe **Diagnostics** Vq Testing methods Vqc Computerized adaptive testing Vqca *UF CAT Vqe Computer-aided tests Vqg Simulator-based tests Vqi Performance-based tests Vqic Simulated-task performance tests Vqie Hands-on tests Vqig Job-sample tests Vqk Written tests Vqka *UF Paper-and-pencil tests Vqm Test battery Vqo Nonverbal tests Vqq Self-assessment tests Vqs Decision-oriented tests Vs Test types Vsc Mental ability tests Vsca *UF Intelligence tests Vse Achievement tests Vsg Aptitude tests Vsi Training performance tests Vsk Psychological tests Vsm Psychomotor tests Vso Skills tests Vsq Job performance tests Vss Human performance tests Vu Named tests Vuc Air Force Officer Qualifying Test Vuca *UF AFOQT Vue Air Force Vocational and Occupational Interest Inventory Vuea *UF VOICE Vug Armed Forces Qualification Test Vuga *UF AFOT Vui Armed Services Vocational Aptitude Battery Vuia *UF ASVAB Vuk **Army Skill Qualification Test** Vuka *UF SQT Vum Computer Adaptive Screening Test Vuma *UF CAST Vuo Flight Aptitude Selection Test Vuoa *UF FAST

Vuq	Military Screening Inventory	
Vuqa	*UF MSI	
Vus	Scholastic Aptitude Test	
Vusa	*UF SAT	
Vuu	Strong Campbell Interest Inventor	7
Vuua	*UF SCII	•
Vuua	*UF SVIB	

Vw	Predictor variables
Vwa	*UF Estimators
Vwc	Cognitive predictors
Vwe	Noncognitive predictors
Vwg	Aptitudinal predictors

Vx	Performance ratings
Vxc	Peer ratings
Vxe	Supervisory ratings
Vxg	Rater / evaluator materials
Vxi	Rater reliability

SAFETY / ENVIRONMENTAL FACTORS

W SAFETY / ENVIRONMENTAL FACTORS

```
Wc
       Safety
Wce
           Safety assessment
Wcg
           Safety improvement
Wcga
              *UF Hazard reduction
Wci
           Workplace safety
Wcia
              *UF Occupational safety
Wck
           Nuclear safety
Wcm
           Emergency procedures
Wco
           Accidents
Wcoc
              Accident analysis / prediction / prevention
Wcoe
              Accident data
Wcog
              Accident costs
Wcq
          Injury
Wcqg
              Injury analysis / prediction / prevention
Wcr
           Occupational hazards
Wcra
              *UF Workplace hazards
Wcrc
              Radiological hazards
Wcrca
                  *UF Nuclear hazards
Wcrca
                  *UF Radiation
Wcre
              Biological hazards
Wcrg
              Chemical hazards
Wcri
              Fire hazards
Wcrk
              Eye hazards
Wcrm
              Hazardous materials
Werme
                  Explosives
Wcro
              Pollutants
Wcroa
                  *UF Emissions / smoke / vapors / dust
Wcrq
              Ventilation
Wcs
          Decontamination
We
       Environmental factors
Wec
          Weather conditions
Wed
          Temperature
Wef
          Humidity
Weg
          Atmospheric pressure
Wei
          Altitude
Weic
              Low altitude
Weie
              High altitude
Wei
          Wind force
Wejc
              Windblast
Wejca
                  *UF Jetblast
```

Wel Illumination Wela *UF Lighting Wela *UF Luminescence Welc **Daylight** Welca *UF Sunlight Wele Glare Welg Artificial lighting Wem Visibility Weo Motion Weoc **G**-forces Weoca *UF Gravitational forces Weoe Acceleration / deceleration Weq Noise Wegc Low-frequency noise Weqe High-frequency noise Wes Vibration Wesc Low-frequency vibration Wese High-frequency vibration Wesg Recoil Weu Electromagnetic radiation Wew Birdstrike Wg Physical environment Wgc Natural environment Wgcc Desert environment Wgce Mountain environment Wgcg Wooded / jungle environment Wgci Marine environment Wgcic Underwater environment Wge Aerospace environment Wgg Shipboard environment Wgi Battlefield environment Wgia *UF Battlefield conditions Wgk Protective shelters Wi Workplace environment *UF Working conditions Wia Wic Habitability

SYSTEMS / EQUIPMENT

X SYSTEMS / EQUIPMENT

```
Xc
       Weapon systems / equipment
Xcb
           Crew stations
Xcc
           Aircraft weapons
Xcd
           Anti-aircraft weapons
Xcda
              *UF Anti-aircraft artillery
Xcf
           Anti-armor weapons
Xcfc
              Anti-tank weapons
Xcg
           Artillery
Xcga
              *UF Dragon
Xcga
              *UF Field artillery
Xcga
              *UF Howitzer
Xcgc
              Artillery support systems
Xci
           Missiles
Xcia
              *UF Cruise
Xcia
              *UF Hawk
Xcia
              *UF Minuteman
Xcia
              *UF Patriot
Xcia
              *UF Stinger
Xcia
              *UF TOW
Xcia
              *UF Tomahawk
Xcj
           Chemical / biological / radiological weapons
Xcja
              *UF CBR weapons
Xcl
           Space-based weapons
Xcm
          Line-of-sight systems
Xcmc
              Direct-fire weapons
Xcn
          Indirect-fire weapons
Xco
          Intelligent weapons
Xcoa
              *UF Smart weapons
Хср
          Individual weapons
Xcr
           Small arms
Xcra
              *UF Automatic weapons
Xcra
              *UF Rifles
Xcs
          Machine guns
Xct
          Laser range finders
Xcw
          Helmet-mounted systems
Xcx
          Ordnance
Xcxa
              *UF Ammunition
Xcy
          Sights
Xcya
               *UF Optical sights
Xcya
               *UF Thermal sights
```

```
Xd
         Ground vehicles / vehicle systems
 Xdc
             Ground combat vehicles
 Xdca
                *UF Ground fighting vehicles
 Xdcc
                Armored vehicles
 Xdccc
                   Light-armored vehicles
 Xdcce
                   Tanks
 Xdce
                Fire support vehicles
 Xde
             Tracked vehicles
 Xe
         Ships / ship systems
 Xec
            Surface ships
 Xecc
                Aircraft carriers
 Xece
                Surface effect ships
 Xecea
                   *UF Hovercraft
 Xecea
                   *UF SES
 Xecg
                Amphibious assault ships
 Xecga
                   *UF Landing assault craft
 Xeci
               Hydrofoils
 Xee
            Submarines
 Xeg
            Submersibles
 Xega
                *UF DSRV
 Xega
                *UF Deep submersibles
 Xega
               *UF Wet submersibles
 Xei
            Ship systems
 Xeic
               Bridge control systems
Xf
        Aircraft
Xfc
            Fixed-wing aircraft
Xfcc
               Fighter aircraft
Xfcca
                   *UF F-117 Night Hawk
Xfcca
                   *UF F-14 Tomcat
Xfcca
                   *UF F-15 Eagle
Xfcca
                   *UF F-16 Fighting Falcon
Xfcca
                   *UF F-18 Hornet
Xfcca
                   *UF F-22 ATF
Xfce
               Attack aircraft
Xfcea
                   *UF A-10
Xfcea
                   *UF A-6 Intruder
Xfcea
                   *UF A-7
Xfcea
                   *UF F/A-18 Hornet
Xfcg
               Tactical aircraft
Xfci
               Strategic aircraft
Xfcia
                   *UF AWACS
Xfcia
                   *UF B-1 bomber
Xfcia
                   *UF B-2 Stealth bomber
Xfcia
                  *UF Reconnaissance aircraft
Xfck
               Cargo aircraft
Xfcka
                   *UF C-130 Hercules
Xfcka
                   *UF C-141 Starlifter
Xfcka
                  *UF C-17
```

```
Xfcka
                  *UF C-5 Galaxy
Xfe
           Rotary-wing aircraft
Xfea
              *UF AAH Advanced Attack Helicopter
Xfea
              *UF AH-1 Cobra
Xfea
              *UF AH-64 Apache
Xfea
              *UF CH-47 Chinook
Xfea
              *UF Helicopters
Xfea
              *UF LHX Light Helicopter Experimental
Xfea
              *UF OH-58 Scout
Xfea
              *UF UH-60 Blackhawk
Xfg
           VTOL / VSTOL aircraft
Xfga
               *UF AV-1 Harrier
Xfga
              *UF V-22 Osprey
Xfi
           Multi-mission aircraft
Xfk
           Training aircraft
Xfm
           Aircraft systems
Xfmc
              Cockpit systems
Xfme
              Flight control systems
Xfmea
                  *UF Flight management systems
Xfmec
                  Automated flight control systems
Xfmg
              Avionics systems
Xfmi
              Low-altitude flight systems
Xfmia
                  *UF Terrain-following flight systems
Xg
       Space vehicles / systems
Xga
           *UF Aerospace vehicles / systems
Xga
           *UF Space platforms
Xgc
           Space capsules
Xge
           Rocket launch systems
Xgg
           Satellites
Xgi
           Space stations
Xh
       Surveillance / detection systems / equipment
Xhc
           Sensor systems
Xhcc
              Acoustic sensors
Xhcce
                  Sonar
Xhce
              Electro-optical sensors
Xhcg
              Infrared detection
Xhcga
                  *UF FLIR
Xhcga
                  *UF LANTIRN
Xhci
              Magnetic detection
Xhck
              Motion sensors
Xhcm
              Radar
Xhco
              Thermal detection
Xhe
           Surveillance processing systems
Xhg
           Signal detection systems
Xhi
           Night vision systems
Xhic
              Night vision goggles
```

Xi Air traffic control systems

```
Χj
         Navigation systems / equipment
  Xk
         Command / control / communication systems / equipment
  Xka
             *UF C3 systems
 Xkc
             Telemetry systems
 Xke
            Communication systems
 Xkec
                Fiber-optic communications
 Xkee
                Telecommunications
 Xkeg
                Internal communications
 Xkei
                Underwater communications
 Xkek
                Message systems
 Xkekc
                   Electronic mail
 Xkem
                Radio
 XI
        Automated systems / equipment
 Xla
            *UF ADP equipment
 Xlc
            Computers
 Xlcc
               Supercomputers
 Xlce
               Mainframe computers
 Xlcg
               Minicomputers
 Xlci
               Microcomputers
 Xlcia
                   *UF Personal computers
 Xlck
               Miniature computers
 Xlcka
                  *UF Laptop computers
 Xlcka
                  *UF Notebook computers
 Xle
           Computer peripherals
Xlg
            Computer-aided systems / methods
Xli
           Interactive computer systems
Xm
        Robotics
Xmc
           Robots
Xme
           Teleoperation
Xmg
           Robotic manipulators
Xmi
           Remote manipulators
Xmk
           Robotic vehicles
Xmm
           Robotic vision
Xmo
           Robotic control
Xn
       Cybernetic systems
Xo
       Bionic systems
Xp
       Maintenance systems / equipment
Xpc
           Fault detection / diagnosis systems
Xpca
               *UF Diagnostic aids
Xpca
              *UF Fault isolation systems
Xpca
              *UF Maintenance diagnostics
Xpca
              *UF Troubleshooting systems
Xpe
           Facilities maintenance systems
```

```
Χq
         Intelligence systems / equipment
  Xqc
             Intelligence-gathering systems
  Xqe
             Intelligence analysis systems
  Xr
         Support systems / equipment
  Xrc
             Machinery / tools
  Xrcc
                Hand tools
  Хте
             Propulsion / power systems
  Xrec
                Power supply
  Xrg
             Manufacturing systems
  Xrga
                *UF Production systems
  Xri
             Security systems
  Xrk
             Logistics systems
  Xrkc
                Supply systems
  Xrke
                Storage systems
  Xrkg
                Loading equipment
  Xs
         Clothing
  Xsa
             *UF Work apparel
  Xsc
             Uniforms
  Xt
         Protective / safety equipment
  Xtc
             Protective clothing / apparel
  Xtcc
                Flight suits
  Xtce
                Space suits
  Xtcg
                Pressure suits
                    *UF Anti-G suits
  Xtcga
  Xtci
                Diving suits
 Xtck
                Fire-protective clothing
  Xtcm
                NBC-protective clothing
                    *UF Biological-protective clothing
  Xtcma
 Xtcma
                    *UF Chemical-protective clothing
 Xtcma
                    *UF Radiation-protective clothing
 Xte
             Eye protectors
  Xtea
                 *UF Safety glasses
``Xtg
             Hearing protectors
  Xti
             Headgear
 Xtia
                 *UF Helmets
  Xtk
             Face masks
 Xtkc
                 Breathing masks
 Xtkca
                    *UF Gas masks
 Xtkca
                    *UF Oxygen masks
 Xtm
             Body waste management systems
  Xto
             Thermal protection systems / equipment
  Xtoc
                 Body-cooling systems
 Xtoca
                     *UF Cooling vests
 Xtq
             Life support systems / equipment
 Xtqa
                 *UF Survival systems / equipment
```

·Xts Restraint systems Xtsa *UF Safety belts Xtsa *UF Safety harnesses Xtu Escape systems / equipment Xtua *UF Crew escape capsule Xtua *UF Ejection systems Xtua *UF Parachutes Xtw Rescue systems / equipment Xtwa *UF Recovery systems / equipment Χv Systems by generic mode of operation Xvc Manual weapon systems Xve Battery-operated devices Xvg Nuclear systems Xvi Manned systems Xvk Unmanned systems Xvm Remotely controlled systems Xvo Reconfigurable systems Xvq Laser systems $\mathbf{X}\mathbf{w}$ Systems by mission Xwc Swimmer defense systems Xwe Airborne systems Xwg Underwater systems Xwi Portable systems Xwia *UF Man-portable systems Xwia *UF Soldier-carried equipment Xwia *UF Transportable systems Xwic Handheld devices Xwk Transportation systems Xwm -Reconnaissance systems Xwma *UF Balloons Xwo Research equipment Xwoc Human analogues Xwoca *UF Crash dummies Xwoca *UF Mannequins $\mathbf{X}\mathbf{x}$ Optical systems Xxc Projection devices Хy Transferable / exportable systems

MEDIA / DOCUMENTS

Y MEDIA / DOCUMENTS

```
Yc
       Retrieval aids
Ycc
          Indexing languages
Ycca
              *UF Thesauri
Ycca
              *UF Vocabularies
Yce
          Listings / indexes
Ycea
              *UF Bibliographies
Ycea
              *UF Catalogs
Ycea
              *UF Taxonomies
Ye
       Print materials
Yea
           *UF Written materials
Yee
          Guides / manuals
Yeea
              *UF Guidebooks
Yeea
              *UF Handbooks
Yeec
              Technical manuals
Yeee
              User's guides
Yeg
          Newspapers / magazines
Yei
          Case studies
Yg
       Visual aids
Ygc
          Flowcharts
Yge
          Maps
Ygec
              Terrain maps
Ygg
          Photographs
Ygi
          Graphs
Yi
       Microforms
Yic
          Microfiche
Yie
          Microphotographs
Yk
       Audio-visual materials
Ykc
          Films
Yke
          Slides
Ykg
          Sound recordings
Yki
          Videotapes
Ykk
           Videodiscs
Ykka
              *UF CD-ROM
Ykka
              *UF Laserdiscs
Ykkc
              Interactive videodiscs
```

Multimedia materials

Ym

Yo Hypermedia Yoc Hypertext

Yq Tutorials

Ys Broadcast media
Ysc Radio advertising
Yse Television

Yu Information exchange
Yuc Conferences
Yuca *UF Seminars
Yuca *UF Symposia
Yuce Workshops

Yuce Workshops
Yue Teleconferencing
Yug International information exchange

Yui Interdisciplinary information exchange

Promotional materials

Yyc Standards
Yyc Guidelines
Yye Protocols

Yw